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SEQUENCE LISTING

<110> UNIVERSITE DU QUEBEC A MONTREAL  
CENTRE HOSPITALIER DE L'UNIVERSITE DE MONTREAL  
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GUTKOWSKA, Jolanta  
DANALACHE, Bogdan A.  
JANKOWSKI, Marek

<120> OXYTOCIN AS CARDIOMYOGENESIS INDUCER AND USES THEREOF

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<150> CA 2,391,118  
<151> 2002-06-21

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 35 40 45

Lys Gly Arg Cys Phe Gly Pro Asn Ile Cys Cys Ala Glu Glu Leu Gly  
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Cys Phe Val Gly Thr Ala Glu Ala Leu Arg Cys Gln Glu Glu Asn Tyr  
 65 70 75 80

Leu Pro Ser Pro Cys Gln Ser Gly Gln Lys Ala Cys Gly Ser Gly Gly  
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ta	cc	ca	ta	cc	gc	ga	cc	ag	gc	ag	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	240
ga	cc	ta	gc	ct	gc	ta	gc	at	ca	ca	ta	gc	cc	gc	gc	gc	gc	gc	gc	gc	300
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gt	gg	ac	cc	ca	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	540
cc	tc	cg	ga	ca	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	600
cg	ca	cc	cg	ct	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	651
gcc	gag	gca	gcc	aac	gcc	agc	gcc	gcg	ccg	ccg	ggg	gcc	gag	ggc	aac	agg	ccg	ggg	ggg	ggg	699
Ala	Glu	Ala	Ala	Asn	Ala	Ser	Ala	Ala	Pro	Pro	Gly	Ala	Glu	Gly	Asn						
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cg	acc	gcc	gga	ccc	ccg	cg	cg	cg	aac	gag	gcc	ctg	gcg	cg	gtg	gag					747
Arg	Thr	Ala	Gly	Pro	Pro	Arg	Arg	Asn	Glu	Ala	Leu	Ala	Arg	Val	Glu						
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gtg	gcg	gtg	ctg	tgt	ctc	atc	ctg	ctc	ctg	gcg	ctg	agc	ggg	aac	gcg						795
Val	Ala	Val	Leu	Cys	Leu	Ile	Leu	Leu	Leu	Ala	Leu	Ser	Gly	Asn	Ala						
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Cys	Val	Leu	Leu	Ala	Leu	Arg	Thr	Thr	Arg	Gln	Lys	His	Ser	Arg	Leu						
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Phe	Phe	Phe	Met	Lys	His	Leu	Ser	Ile	Ala	Asp	Leu	Val	Val	Ala	Val						
					80				85						90						
ttt	cag	gtg	ctg	ccg	cag	ttg	ctg	tgg	gac	atc	acc	ttc	cg	ttc	tac						939
Phe	Gln	Val	Leu	Pro	Gln	Leu	Leu	Trp	Asp	Ile	Thr	Phe	Arg	Phe	Tyr						
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Gln Val His Ile Phe Ser Leu Arg Glu Val Ala Asp Gly Val Phe Asp	
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Cys Trp Ala Val Phe Ile Gln Pro Trp Gly Pro Lys Ala Tyr Ile Thr	
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Trp Ile Thr Leu Ala Val Tyr Ile Val Pro Val Ile Val Leu Ala Thr	
205 210 215	
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Cys Tyr Gly Leu Ile Ser Phe Lys Ile Trp Gln Asn Leu Arg Leu Lys	
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acc gct gca gcg gcg gcg gcc gag gcg cca gag ggc gcg gcg gct ggc	1371
Thr Ala Ala Ala Ala Ala Ala Glu Ala Pro Glu Gly Ala Ala Ala Gly	
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Asp Gly Gly Arg Val Ala Leu Ala Arg Val Ser Ser Val Lys Leu Ile	
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Ser Lys Ala Lys Ile Arg Thr Val Lys Met Thr Phe Ile Ile Val Leu	
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Val Trp Asp Ala Asn Ala Pro Lys Glu Ala Ser Ala Phe Ile Ile Val	
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atg ctc ctg gcc agc ctc aac agc tgc tgc aac ccc tgg atc tac atg	1611
Met Leu Leu Ala Ser Leu Asn Ser Cys Cys Asn Pro Trp Ile Tyr Met	
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Leu Phe Thr Gly His Leu Phe His Glu Leu Val Gln Arg Phe Leu Cys	
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Ile Leu Leu Leu Ala Leu Ser Gly Asn Ala Cys Val Leu Leu Ala Leu  
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Arg	Leu	Val	Lys	Tyr	Leu	Gln	Val	Val	Gly	Met	Phe	Ala	Ser	Thr	Tyr	115	120	125	
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Thr	Pro	Phe	Phe	Phe	Val	Gln	Met	Trp	Ser	Val	Trp	Asp	Ala	Asn	Ala	290	295	300	



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Asn Ser Cys Cys Asn Pro Trp Ile Tyr Met Leu Phe Thr Gly His Leu  
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Phe His Glu Leu Val Gln Arg Phe Leu Cys Cys Ser Ala Ser Tyr Leu  
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